- THE CONTRACTOR SHALL CALL FOR A PRE-CONSTRUCTION MEETING WITH MAINTENANCE SERVICES
- THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (811) TWO DAYS PRIOR TO ANY
- SEPARATE PERMITS SHALL BE REQUIRED FOR ANY IMPROVEMENT WORK IN THE PUBLIC RIGHT-OF-WAY REPAIR OR REPLACE ALL DAMAGED OR ALTERED PUBLIC IMPROVEMENTS AS REQUIRED BY THE C
- COVERED MONUMENTS SHALL BE RESET BY A QUALIFIED REGISTERED CIVIL ENGINEER OR A LICENSED SURVEYOR AT THE DIRECTION OF THE CITY ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES OR STRUCTURE ABOVE OR BELOW GROUND, SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES OR STRUCTURES CAUSED BY HIS

# GENERAL NOTES

- DAYS. CONTRACTOR SHALL REQUEST A WALK-THROUGH EVERY 30 DAYS BY THE CITY MAINTENANCE
- ALL AREAS MUST BE CONTINUALLY MAINTAINED IN A HEALTHY, WEED FREE,
- HYDROSEED CERMINATION AND ESTABLISHMENT SHALL BE DETERMINED BY THE CITY. ALL PLANT REPLACEMENT SHALL BE ESTABLISHED A MINIMUM OF 120 DAYS PRIOR TO
- DEFICIENCIES. EACH PUNCHLIST SHALL BE COMPLETED IN ITS ENTIRETY PRIOR TO SUBSEQUENT WALK-THROUGHS. FAILURE TO COMPLETE PUNCHLIST ITEMS WITHIN THE 30 DAY PERIOD WILL CORRESPONDINGLY EXTEND MAINTENANCE PERIOD. CONTRACTOR MUST NOTIFY THE CITY UPON PUNCHLIST COMPLETION FOR A WALK-THROUGH.

## MAINTENANCE NOTES

- THE DEVELOPER/CONTRACTOR SHALL CONTACT THE MAINTENANCE SERVICES DEPARTMENT'S INSPECTOR AT FAST 48 HOURS IN ADVANCE TO INSPECT THE FOLLOWING:
- PRE JOB CONFERENCE WITH CITY APPROVED PLANS AT THE WORKSITE.
- COMPLETION OF ROUCH CRADE AND IDENTIFICATION OF ALL PROPERTY LINES. LAYOUT OF HARDSCAPE FORMS PRIOR TO POUR.
- WEED ABATEMENT. IRRIGATION INSTALLATION AT THE FOLLOWING POINTS:
- A. METER AND CONTROLLER PEDESTAL LOCATION B. PIPE TRENCHING AND INSTALLATION C. SLEEVE LOCATIONS
- -D. MAINLINE INSTALLATION WITH PRESSURE TEST AT 150 PSI FOR 4 HOURS--E. POINT OF CONNECTION TO MAIN-
- F. BACKFLOW PREVENTION DEVICE INSTALLATION PRIOR TO BACKFILL G. CONTROL VALVE INSTALLATION
- H. BUBBLER INSTALLATION PRIOR TO BURYING LATERAL TRENCH
- LATERAL LINE FLUSHING. J. BUBBLER FLOW CHECK
- ROCK REMOVAL AND FINISHED GRADE PREPARATION. CALSENSE CERTIFICATION AND LOCAL RADIO TESTING.
- . FLOOD TEST OF FINISHED GRADE. D. PLANT LAYOUT.
- . ACCEPTANCE OF PLANT QUALITY AND QUANTITY AT DELIVERY SITE.
- 2. PLANT INSTALLATION.
- 3. 30, 60, 90, 120 DAY PLANT MAINTENANCE REVIEW.
- 6. ADDITIONAL INSPECTIONS WILL BE REQUIRED TO COMPLY WITH VARIOUS DEVELOPMENT PERMIT REQUIRED BY THE CITY OF CORONA. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE CITY AGENCY. -SEWER, UTILITIES, WALLS, BUILDING, ELECTRICAL - BUILDING AND SAFETY
  - -EROSION CONTROL, STREET IMPROVEMENTS, SITE DRAINAGE PUBLIC WORKS -RECYCLED WATER INSPECTION - CITY OF CORONA DEPARTMENT OF WATER AND POWER.

# FIELD INSPECTION REQUIREMENTS

- DIGITAL SCAN OF "AS-BUILT" DRAWINGS WITH VALVE SQUARE FOOTAGE.
- 11X17 LAMINATED CONTROLLER CHARTS (2 SETS)
- RECYCLED WATER LETTER OF CERTIFICATION FROM CITY OF CORONA DEPARTMENT OF WATER AND POWER
- (2) SETS CALSENSE REMOTE CONTROL UNITS MODEL #RRE-TRAN . <del>6 SETS OF ALL KEYS</del>
- 1YEAR WRITTEN IRRIGATION AND PLANTING GUARANTEE INCLUDE COMPANY NAME, CONTACT PERSON,
  - TELEPHONE NUMBER AND **BUSINESS ADDRESS**
- 3. CALSENSE CERTIFICATION LETTER THAT INSTALLATION OF CONTROLLER AND HARDWARE HAS BEEN

TURNOVER ITEMS

- TOTAL PLANTING SQUARE FOOTAGE FOR EACH IRRIGATION VALVE ON "AS BUILT" TITLE SHEET <del>10. DIGITIZED DFX FILE FOR ENTIRE PROJECT, INCLUDING "AS BUILTS" ON CD ROM.</del>
- 1. EQUIPMENT CATALOGS WITH EQUIPMENT INSTALLED HIGHLIGHTED 12. PLAY EQUIPMENT MANUFACTURER'S CERTIFICATION OF INSTALLATION AND COMPLIANCE
- <del>13. A COMPLETE AUDIT OF THE INSTALLED PLAY EQUIPMENT VERIFYING COMPLIANCE WITH CPSC</del> REQUIREMENTS
- 14. PROJECT INVENTORY ON CITY PROVIDED FORM 5. PHOTO DOCUMENTATION OF PROJECT INSTALLATION

CFD 2001-1 AREA 3, 5 TURF REMOVAL + LANDSCAPE RENOVATIONS

620, 752, + 882 W. ONTARIO AVE METER # 63380996, 62195637, 1615783

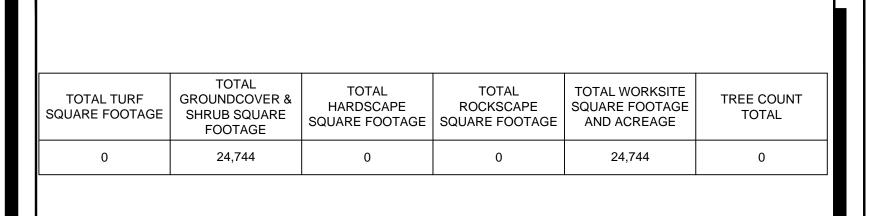
# CITY OF CORONA

MAINTENANCE SERVICES DEPARTMENT 755 PUBLIC SAFETY WAY CORONA, CA 92880 PHONE: (951) 817-5880 **CONTACT PERSON: TRACY MARTIN** 

## CITY DEPARTMENT

# HOLD HARMLESS & INDEMNIFICATION CLAUSE

Contractor agrees that he shall assume sole responsibility for job site conditions during the course of construction of this project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours, and hold the city and the landscape architect harmless from any and all liability real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the owner, city or landscape architect.



## PLANTING TOTALS



310 NORTH JOY STREET | CORONA, CA 92879 T: 951.737.1124 | F: 951.737.6551

# LANDSCAPE ARCHITECT

# DIG ALERT

Contact: Shannon Karlson

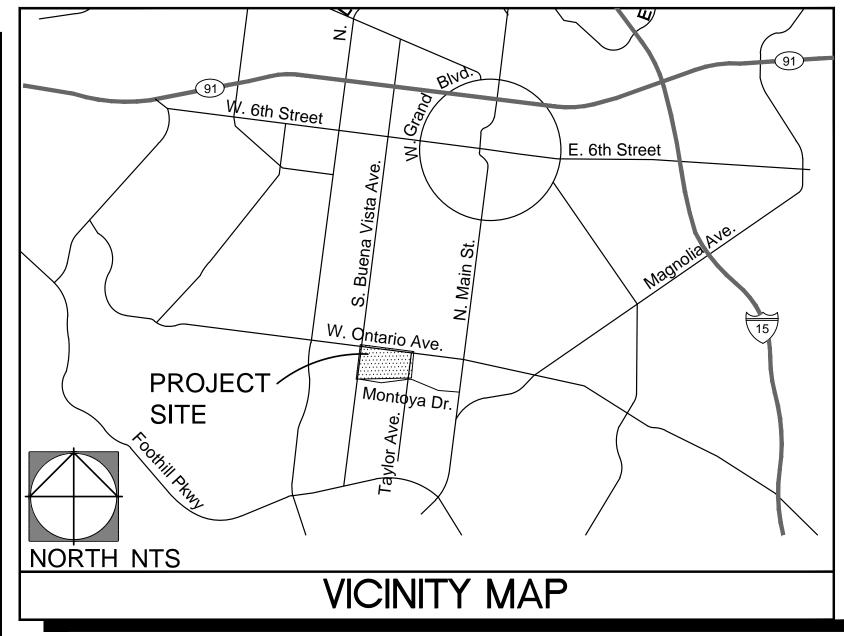
DIAL TOLL FREE

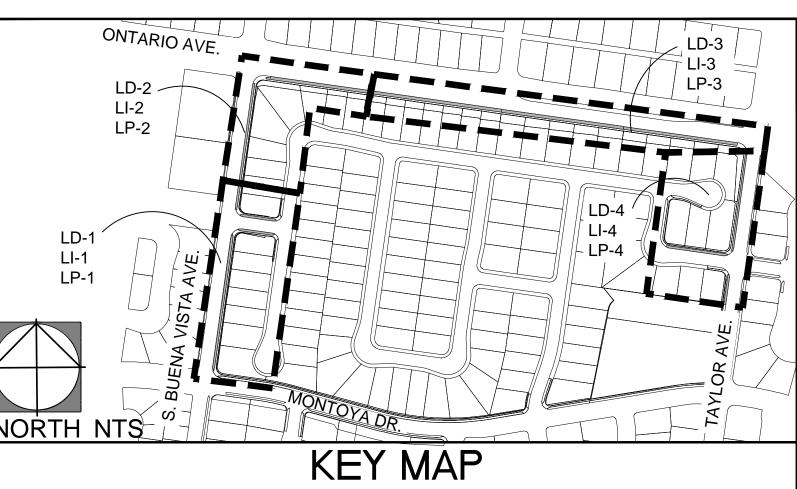
AT LEAST TWO DAYS BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

TOTAL CONTROLLERS/ STATIONS	TOTAL REMOTE CONTROL VALVES	TOTAL BACKFLOW PREVENTERS	TOTAL QUICK COUPLERS	TOTAL WATER METERS 8 ELECTRICAL POINTS OF CONNECTION
EXISTING/0 NEW STATIONS (SPLICED)	25 NEW	0 NEW	0 NEW	ALL EXISTING
SQUARE FOOTAGE FOR IRRIGATION VALVE/ STATIONS	ROTARY IRRIGATION HEADS, MODEL#/ MANUFACTURER	SPRAY IRRIGATION HEADS, MODEL #/ MANUFACTURER	FLOW METER SIZE/ NUMBER	WATER METER & SIZE/ ELECTRICAL POC
24,744 SF / 25 VALVES	N/A	0	EXISTING	EXISTING

## IRRIGATION COUNTS





	Sheet List Tab	le
Sheet Number	Sheet Description	Sheet Title
1	LT-1	TITLE SHEET
2	LN-1	GENERAL NOTES
3	LDT-1	DETAILS
4	LD-1	DEMOLITION PLAN
5	LD-2	DEMOLITION PLAN
6	LD-3	DEMOLITION PLAN
7	LD-4	DEMOLITION PLAN
8	LI-1	IRRIGATION PLAN
9	LI-2	IRRIGATION PLAN
10	LI-3	IRRIGATION PLAN
11	LI-4	IRRIGATION PLAN
12	LP-1	PLANTING PLAN
13	LP-2	PLANTING PLAN
14	LP-3	PLANTING PLAN
15	LP-4	PLANTING PLAN

# SHEET INDEX

310 NORTH JOY STREET | CORONA, CA 92879 T: 951.737.1124 | F: 951.737.6551 PROJECT NUMBER: XX

12/15/2017

PLANS PREPARED UNDER SUPERVISION OF

Reference Plans for

REVISIONS

App'd

Nelson Nelson **PUBLIC WORKS DIRECTOR**  CITY OF CORONA LANDSCAPE MAINTENANCE DISTRICT LANDSCAPE PLANS

PROJECT: CFD 2001-1 AREAS 3 & 5 TURF REMOVAL & RENOVATION SHEET TITLE: TITLE SHEET

### SPECIFICATIONS FOR SOIL PREPARATION

- 1. A comprehensive agronomic soil analysis is required for each proposed CFD/LMD site following rough grading. The soil test shall analyze texture, organic matter. estimated nitrogen release, phosphorus (P1, P2), potássium magnesium, calcium, soil Ph, cation exchange capacity, percent base saturation, soluble salts, excess lime rate, sodium, and boron.
- 2. Soil samples shall be analyzed by a certified lab.
- 3. A copy of the soil analysis lab report and the lab's recommended amendments shall be forwarded to the Maintenance Services Department with the approved plans and prior to pre—job meeting.
- 4. All CFD/LMD planting areas that are relatively flat or less than a 3:1 slope shall receive the following minimum preparation (this specification may be modified based on results of the soil analysis lab report.) Apply 200 lbs of Gro-Power Plus with 4% Sulfur (or approved equivalent) and 2 cubic yards of nitrolized shavings, or equal, per 1,000 sq. ft. Rototil twice in perpendicular directions, to a depth of 4-6 inches. After soil preparation, but prior to planting, irrigate with overhead irrigation so that a minimum of 4-6 inches of good quality water passes through the soil profile, beyond the root zone.
- 5. All trees (including parkway street trees) shall be planted with the following minimum backfill when directed by inspector. To obtain 1 cubic yard of of backfill mix use teh following ratio:
  - 1/2 Cubic yard screened top soil.
  - 1/2 Cubic yard nitrolized shavings.
  - 10 lbs. Gypsum.
  - 2 lbs. ferrous sulfate.\*\*
  - 18oz Mycortree Rootsaver.
  - \*\* Be sure all ferrous sulfate is removed immediately from all hardscape surfaces.
- 6. For all 2:1 3:1 non-amended slope areas to receive planting, the following minimum amendment is required to be placed in the hydroseed slurry (this may be modified based on results from the soil analysis). Apply 1,000 lbs. Gro-Power Plus (or approved equal) with 4% Sulfur and 300 lbs. Gro-Power Controlled Release (12-8-8) (or approved equal) per
- 7. Use Mycor 4-7-4 + Micros Plant Saver in rootball backfill at the following rates: 1 gal - 4oz 5 gal — 8oz 15 gal - 16oz

/ TO BE PLACED ON ALL CFD/LMD PLANS

OF

(Soilnote.dwg)

CORONA

PUBLIC WORKS DEPARTMENT Director of Public Works SOIL PREPARATION Director of Parks & Community Services Date:

### WEED ABATEMENT REQUIREMENT

- 1. Weed abatement to be completed prior to installation of point source irrigation system
- A. Spray non-selective systemic herbicide on all emerged weeds and existing
- turf areas per licensed pest control advisor recommendation. B. Wait seven days.
- Remove all turf and weeds.
- D. Fertilize with 1 lb. actual nitrate nitrogen per 1,000 square feet and water for 14 days. Spray non-selective systemic herbicide.
- Wait seven days. G. Grub weeds and perform planting within 14 days and immediately apply a selective pre\_emergent herbicide per Adviser's recommendations, proof of
- pre-emergent must be provided H. Total weed abatement program between 42 days.

TO BE PLACED ON ALL CFD/LMD PLANS

					(Weedno	ote.dwg)
CORONA MORELICATIV Mark 11: 11:10		Date:	CITY PUBI	OF lic works de	00,	RONA
	Director of Parks & Community Services		***	ABATEME	_, , ,	625
	production of Farme at Community Convices	Date.	REQ	UIREMEN <sup>-</sup>	]	

### PLANTING

Parkways

- E. Parkways shall be graded 1" below concrete at sidewalk and slope 2% toward curb.
- 2. Slopes & Planters
  - A. All CFD/LMD's shall contain plantings of trees, shrubs, subshrubs, and and ground covers.

- C. 5 gallon shrubs shall be in large sweeping mass plantings. They are to be installed in triangular pattern at the radius of shrub width.
- D. A 3" layer of medium grind mulch is to be applied throughout all LMD/CFD planting areas. Submittal to be approved by City Inspector. Hydroseed may be substitute for mulch with approval of the Maintenance Services General Manager or his/her designee.

- No shrubs or trees shall be planted closer than diameter of plant width to any sidewalks, "V" — ditches, walls or pedestals unless otherwise dictated by by field conditions and approved by Maintenance Services General Manager or his/her designee.
- H. No shrubs or trees shall be planted closer than its diameter at maturity to any walls, fences, sidewalks, pedestals or other like improvements unless dictated by field conditions and approved in writing by the Maintenance Services General Manager or his/her designee.

(PIntnot1.dwg)

CORONA

626

1 of 2

NOTES

/ TO BE PLACED ON \ ALL CFD/LMD PLANS

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CORONA	Director of Public Works	Date:	CITY PU	OF blic works de	COR( EPARTMENT
			F	PLANTING	
	Director of Parks & Community Services	Date:		NIOTEC	

### PLANTING (Continued)

- J. All soil next to curbs and sidewalks shall be graded at 1" below the
- M. Slopes shall be lush, vigorous, full and in healthy condition prior to acceptance by the City.
- N. Soil amendments shall be added to all planting areas with gradients 2:1 and less. (Agronomic soil test shall recommend specific amounts, see City Standard Specification 624 "Soil Preparation Notes")
- O. Prior to designing the planting, all landscape architects shall obtain a copy of the soils report and guarantee that no excessive salts, boron or other toxins exist within the proposed planting areas.
- P. Mulch samples must be approved by the Maintenance Services Department prior to application

TO BE PLACED ON ALL CFD/LMD PLANS

(PIntnot2.dwg) CORONA PUBLIC WORKS DEPARTMENT Director of Public Works PLANTING 626 Director of Parks & Community Services Date: NOTES 2 of 2

Root Depth

Landscape

## IRRIGATION

- 1. All CFD and LMD irrigation is to have separate and independent points of connection, water meters, valves, automatic controllers, controller pedestals, electric meter and lateral lines. No irrigation component shall service both a CFD/LMD and private
- 2. The following irrigation equipment shall be installed according to the approved City Standard Specifications, Series 600:
- Rainbird PESB-R (specify the "R" when used with recycled water), Series remote control valves with ball valve assembly in concrete valve box with locking metal lid.

- 4. RCV valves and splice boxes shall be identified with White Carsonite Markers when grouped away from streets or sidewalks.

- 10. All wire, including low voltage wire, shall be installed in SCH. 40 PVC conduit.

/ TO BE PLACED ON ALL CFD/LMD PLANS OF Director of Public Works PUBLIC WORKS DEPARTMENT

(Irrgnot1.dwg) CORONA 623 IRRIGATION NOTES

IRRIGATION (continued)

- 12. All valve boxes shall be mounted on 2" x 4" x 8" concrete block/brick to avoid
- 13. Valve boxes to be rectangular 12" x 18" purple plastic (except RCV valves) with lockable top, set 1" above grade in ground cover and 1/2" above grade in turf. Valve boxes shall be branded with a "V" and the valve number on the lid with 2" high x 1" letters. Install 3 1/4" aluminum dome markers stamped with the 1/2" letter 'V' and corresponding valve number on curb tops.
- 14. All valves and other appurtenances shall be no closer than 24" apart.
- 17. No excess water shall be allowed on street or sidewalk. 18. All systems shall be designed to conserve water and avoid run—off.

- 19. All wire splices shall be Spears Dri Splice DS—100, or approved equal with 2 ft. expansion loops, and installed in 10" round, locking boxes (Carson or better). Boxes shall be branded with an "E" on the lid with a 2" high x 1" wide letter. Install 3 1/4" aluminum dome markers on curb tops and stamp with the 1/2" letter 'E'.
- 20. All irrigation mainline and laterals shall be sleeved with PVC Schedule 80, 2 x the proposed line size under all hardscape. Wires shall be sleeved separately in PVC Schedule 40 sleeve. All sleeve locations shall extend 2' beyond hardscape and be sealed with expandable foam. All sleeve locations shall be identified and viewable with a 10" round locking purple valve box and 6" sch. 40 Pipe. Valve box lid must be branded with a 2"x1", "S". Install 3 1/4" aluminum dome markers on curb top and stamp with the 1/2" letter 'S'. All mainline pipe and wires are to be trenched and buried.

TO BE PLACED ON ALL CFD/LMD PLANS (Irrgnot2.dwg) OF CORONA

Scale

PUBLIC WORKS DEPARTMENT irector of Public Works 623 IRRIGATION NOTES Director of Parks & Community Services Date: 2 of 3 IRRIGATION (continued)

- 21. All lateral pipe is to be trenched and buried
- 22. All mainline and lateral pipe shall be non-potable purple P.V.C.

- 26. Remote control valves shall be Rainbird PESB Series or approved equal installed per City Standard Specification 604 including a TxT ball valve per detail.
- 27. All mainline and valves shall be located 18" from all sidewalks or curbs.

29. Use Teflon tape on all threaded fittings except on Marlex fittings.

- 30. All mainline shall be pressure tested at 150 psi for a minimum of four hours in presence of a City inspector prior to backfilling.
- 32. Contractor is to submit mylam "As Built" plans along with AutoCAD DEX file on CD-ROM to Maintenance Services Department Landscape Contract Inspection prior to acceptance of
- 33. Contractor is to submit (2) 11" x 14" color coded laminated controller charts to the Maintenance Services Department Landscape Contract Section office prior to acceptance of CFD/LMD lots.

35. Contractor is to submit the Calsense certification letter to Maintenance

- Services Department prior to acceptance of CFD/LMD lots.
- Backflow Preventer must be installed prior to installation of the Water Meter

OF CORONA PUBLIC WORKS DEPARTMENT Director of Public Works

(TO BE PLACED ON ALL CFD/LMD PLANS) (Irrgnot3.dwg) 623 IRRIGATION NOTES Director of Parks & Community Services Date:

Clay Loam Estimated Number of Watering Days Per Month Based on Historical ETJanFebMarAprMayJunJulAugSepOctNovDecTotal34578899754473 Sprinkler Type Precip. Cycle Run Soak Time Total Run Rate Time (Minutes) Time (Minutes) Description (in/hr) (Minutes) 5 to 5 Low water use drip Comp Total Cycle Run Time: 0:05 Total Run Time: 0:15 to 0:16 establishment shrubs Total Stations: 1 Cycles: 3 رram B : Low water use drip - mainter Root Depth Landscape Irrigation | Cycles | Water Soil Type Coefficient 0.5 3 100% Clay Loam Estimated Number of Watering Days Per Month Based on Historical ETJanFebMarAprMayJunJulAugSepOctNovDecTotal22344455432240 Sprinkler Type Precip. Cycle Run Soak Time Total Run (Minutes) Time (Minutes) Description (in/hr) (Minutes) 5 to 5 Comp
Total Cycle Run Time: 0:05 Total Stations: 1 Cycles: 3 Total Run Time: 0:15 to 0 Program Definition / Information Root Depth Irrigation | Cycles | Water Landscape Amount Budgeting I
0.5 2 100% Coefficient Clay Loam Estimated Number of Watering Days Per Month Based on Historical ETJanFebMarAprMayJunJulAugSepOctNovDecTotal33566787653362 Sprinkler Type Precip. Cycle Run Soak Time Total Run Description Rate Time (Minutes) Time (Minutes) (in/hr) (Minutes) 3 Drip rings trees- maintenance Total Cycle Run Time: 0:08 Total Run Time: 0:17

am A : Low water use drip - establis

Irrigation | Cycles | Water

Program Definition / Information

Soil Type



CALL: TOLL FREE

TWO WORKING DAYS BEFORE YOU DIG



bmla LANDSCAPE ARCHITECTURE

310 NORTH JOY STREET | CORONA, CA 92879 T: 951.737.1124 | F: 951.737.6551 PROJECT NUMBER: XX

Director of Parks & Community Services Date:

12/15/2017

PLANS PREPARED UNDER SUPERVISION OF SHANNON KARLSON

Reference Plans for these Improvements

of 3

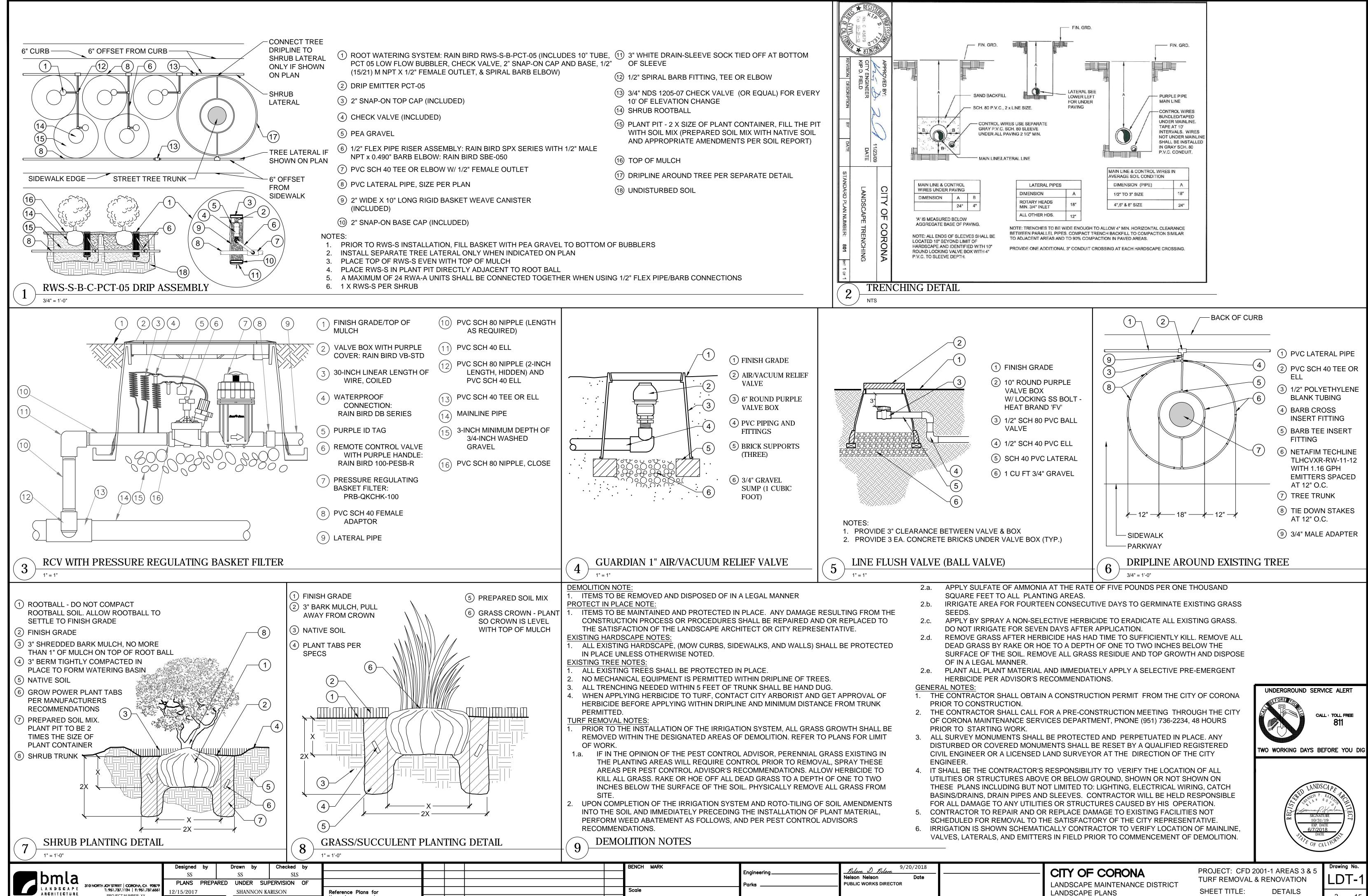
Date By REVISIONS App'd Engineering \_\_\_ Parks \_\_\_\_

Nelson Nelson PUBLIC WORKS DIRECTOR CITY OF CORONA LANDSCAPE MAINTENANCE DISTRICT LANDSCAPE PLANS

Total Stations: 1 Cycles: 2

PROJECT: CFD 2001-1 AREAS 3 & 5 TURF REMOVAL & RENOVATION SHEET TITLE: GENERAL NOTES

LN-1 Sh 2 of 15



Reference Plans for

these Improvements

Date By

REVISIONS

App'd

PROJECT NUMBER: XX

Sh 3 of 15

